

WHAT IS CLAIMED IS:

1. An auxiliary soldering tool, comprising:

a first jaw plate, a second jaw plate, and two elastic press plates,

wherein:

the first jaw plate has a first end integrally formed with a first holding portion and a second end integrally formed with a first holding portion;

the second jaw plate is pivotally mounted on the first jaw plate and has a first end integrally formed with a second holding portion and a second end integrally formed with a second holding portion; and

each of the two press plates is respectively rested on the first holding portion of the first jaw plate and the second holding portion of the second jaw plate to move therewith.

2. The auxiliary soldering tool in accordance with claim 1, wherein

the first holding portion of the first jaw plate has a distal end formed with a substantially V-shaped first support portion, the second holding portion of the second jaw plate has a distal end formed with a substantially V-shaped second support portion, and each of the two press plates has a first end formed with a substantially V-shaped press portion rested on the first support portion of the first holding portion of the first jaw plate and the second support portion of the second holding portion of the second jaw plate respectively.

1 3. The auxiliary soldering tool in accordance with claim 2, wherein
2 the press portion of each of the two press plates is formed with an arc-shaped
3 portion aligning with the first support portion of the first holding portion of the
4 first jaw plate and the second support portion of the second holding portion of
5 the second jaw plate respectively

6 4. The auxiliary soldering tool in accordance with claim 2, wherein
7 the first end of each of the two press plates is provided with a catch gasket to
8 seal a gap defined between each of the two press plates and the first holding
9 portion of the first jaw plate and the second holding portion of the second jaw
10 plate respectively.

11 5. The auxiliary soldering tool in accordance with claim 1, wherein
12 each of the two press plates is respectively mounted on the first holding portion
13 of the first jaw plate and the second holding portion of the second jaw plate by
14 a rivet.

15 6. The auxiliary soldering tool in accordance with claim 1, wherein
16 the first holding portion of the first jaw plate is formed with an insertion hole,
17 the second holding portion of the second jaw plate is formed with an insertion
18 hole, and each of the two press plates has a second end formed with an
19 insertion portion inserted into the insertion hole of the first holding portion of
20 the first jaw plate and the insertion hole of the second holding portion of the
21 second jaw plate respectively.

1 7. The auxiliary soldering tool in accordance with claim 1, wherein
2 the first jaw plate has a mediate section integrally formed with a first disk, the
3 second jaw plate has a mediate section integrally formed with a second disk
4 pivotally mounted on the first disk of the first jaw plate.

5 8. The auxiliary soldering tool in accordance with claim 7, further
6 comprising a pivot shaft extended through the second disk of the second jaw
7 plate and the first disk of the first jaw plate, so that the second jaw plate is
8 pivotally mounted on the first jaw plate.

9 9. The auxiliary soldering tool in accordance with claim 7, wherein
10 the second disk of the second jaw plate has a periphery formed with a plurality
11 of ratchet teeth, and the auxiliary soldering tool further comprises a snap plate
12 pivotally mounted on the first holding portion of the first jaw plate and having
13 a first end formed with a locking hook engaged on the ratchet teeth of the
14 second disk of the second jaw plate.

15 10. The auxiliary soldering tool in accordance with claim 9, wherein
16 the snap plate is pivotally mounted on the first holding portion of the first jaw
17 plate by a bolt.

18 11. The auxiliary soldering tool in accordance with claim 10, further
19 comprising a torsion spring mounted on the bolt and having a first end urged
20 on the snap plate and a second end urged on the first holding portion of the first
21 jaw plate, so that the locking hook of the snap plate is constantly engaged on
22 the ratchet teeth of the second disk of the second jaw plate.

1 12. The auxiliary soldering tool in accordance with claim 9, wherein
2 the snap plate is located adjacent to the first disk of the first jaw plate.

3 13. The auxiliary soldering tool in accordance with claim 9, wherein
4 the snap plate has a second end formed with a push portion.

5 14. The auxiliary soldering tool in accordance with claim 1, further
6 comprising two handles each mounted on the first holding portion of the first
7 jaw plate and the second holding portion of the second jaw plate respectively.

8